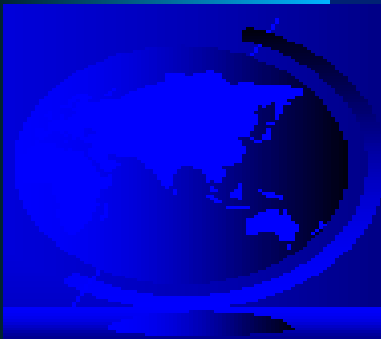


# GIS FOR QA PROFESSIONALS

## EPA GIS-QA Team



## Promoting Quality Assurance in the GIS Community

For additional information contact the Team Leader:

**George M. Brilis, MBA, JD**

US EPA

Office of Research and Development

National Exposure Research Laboratory

Environmental Sciences Division

Las Vegas, NV

702-798-3128

[brilis.george@epamail.epa.gov](mailto:brilis.george@epamail.epa.gov)

# GIS QA Team

<u>NAME</u>	<u>ORGANIZATION</u>
Milo Anderson	Region 5
Ernie Arnold	Region 7/ QA
Sharon Batterman	ORD/NHEERL/MED
George Brilis	ORD/NERL/ESD
David Burden	ORD/NRMRL/SPRD
Dave Catlin	OARM/OIRM/EIMD
Jim Cowles	OPPTS
Vickie Damm	Region 7/ENSV
Mark Doehnert	ORIA
John Duncan	ORD/NERL/LEB
Vance Fong	Region 9/QA
Betsy Grim	OPPTS/OPP/EFED
Karl Hermann	Region 8/OTMS
David Hansen	Bureau of Reclamation
Ian Kennedy	OPPTS
John James	ORD/NERL/LEB

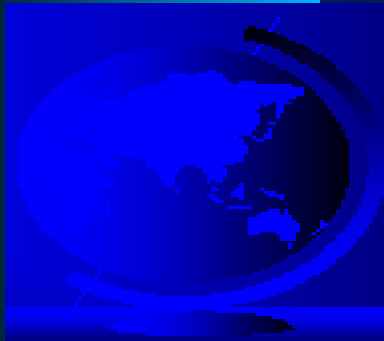
<u>NAME</u>	<u>ORGANIZATION</u>
Cheryl Itkin	ORD/NCEA
Cheryl Henley	Region 9
David James	USDA/ARS
Vasu Kilaru	ORD/NERL/LCB
Linda Kirkland	OEI/QAS
Sarah Lehmann	Region 5
Ron Matheny	ORD/NERL/LEB
Carrie Middleton	NEIC
David Parrish	Region 6
Michael Plastino	OW/WIMAC
Don Norris	Region 4/Science ESD
Denise Shaw	OEI/EMPACT
Henry Strickland	R4/GIS
Nancy Wentworth	OEI/QAS
David J. Williams	ORD NERL/ESD/EPIC
Llewellyn Williams	ORD/NERL/ESD
Jeffrey Worthington	OEI/QA

# Course Contributors

Ernie Arnold  
Sharon Batterman  
George M. Brilis  
David Burden  
Dave Catlin  
Vickie Damm  
Mark Doehnert  
David Hansen  
Cheryl Itkin  
Llewellyn Williams  
Jeffery Worthington

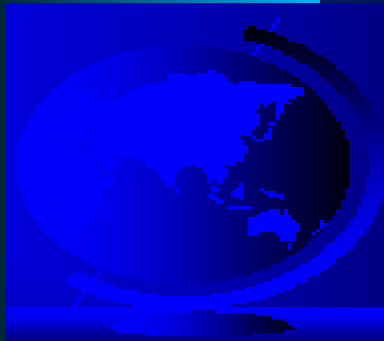
David James  
Linda Kirkland  
Ron Matheny  
David Parrish  
Michael Plastino  
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Denise Shaw  
Karl Hermann  
Nancy Wentworth  
David J. Williams

# Mission



To provide Quality Assurance guidance  
for the development, use, and products of  
Geographic Information Systems

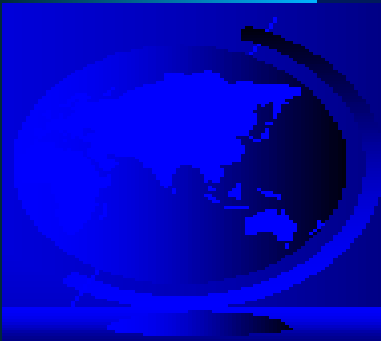
# Objectives



- Promote a broader understanding of the value and benefits of quality assurance in the GIS community.
- Promote cross-organizational cooperation and dialogue on GIS quality issues.
- Develop, test, and evaluate GIS-QA concepts, procedures, guidance materials, and tools.

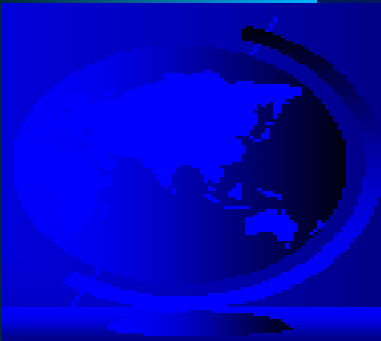
# Organizational Links

The GIS-QA Team is currently affiliated with:



- ▲ The EPA GIS Work Group
- ▲ The EPA Science Information Management Coordination Board
- ▲ The EPA Office of Environmental Information
- ▲ The Western Governor's Association

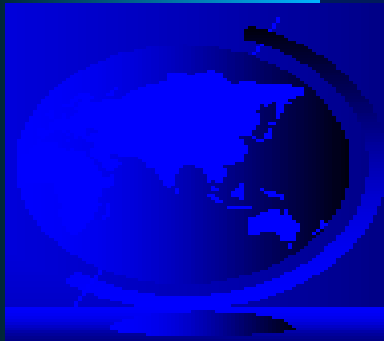
# Membership



The GIS-QA Team is composed of a cross-organizational, multi-disciplined staff from the EPA:

- ▲ Regions
- ▲ Office of Research and Development
- ▲ Program Offices

# Implementation



▲ EDUCATION

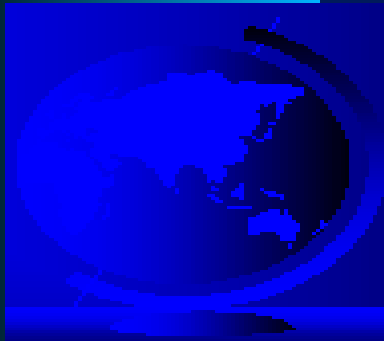
▲ DOCUMENTATION

▲ CONSULTATION

▲ COOPERATION



# Implementation (continued)

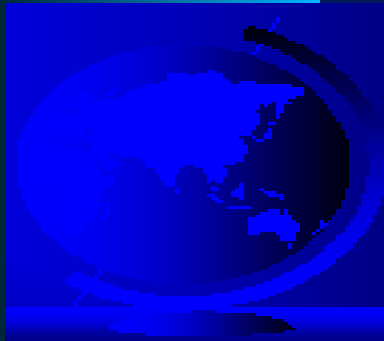


## ▲ EDUCATION

Develop training materials for the greater GIS community

- "GIS for QA Professionals" course
- "QA for GIS Professionals" course
- Publications in related journals

# Implementation (continued)

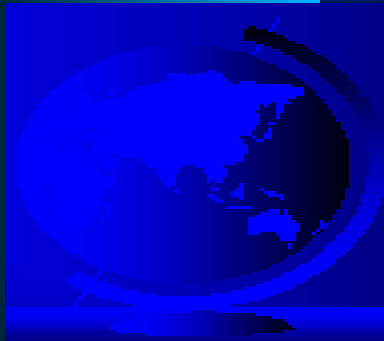


## ▲ DOCUMENTATION

"Translate" current EPA QA Guidance documents into GIS-oriented language/issues

Develop "templated" language for contracts, cooperative agreements, interagency agreements, and grants.

# Implementation (continued)

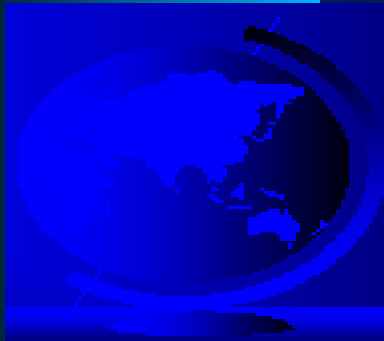


## ▲ CONSULTATION

Provide continuing expert QA consultation as technology, customers and requirements change.

Work with the legal community to ensure compliance with current laws and regulations and anticipated shifts in legal requirements.

# Implementation (continued)



## ▲ COOPERATION

Harmonize federal, state, and local government approaches to QA.

Incorporate advances from institutions of higher learning.

Reach out to the public regarding quality in customer service.

Quality and  
Information  
Council (CIC)

Quality Staff

National Program  
Manager/CIO and Deputy  
NPM(s)

Office of Planning,  
Resources and Outreach

Quality Subcommittee

Subcommittee

Subcommittee

Subcommittee

Office of  
Information  
Collection

Office of  
Technology  
Operations  
and Planning

Office of  
Information  
Analyses and  
Access

Collections  
Services  
Division

Collections  
Strategies  
Division

HQ & Desktop  
Services  
Division

National  
Technology  
Services Div.

Environmental  
Analysis  
Division

Information  
Access  
Division

Central  
Receiving Br.  
Data Acquisition  
Branch

Data Standards  
Branch  
Information  
Strategies Br.

HQ Opns. Br.  
HQ Devel. Br.  
HQ Customer  
Service Br.

Acquisition &  
Management Br.  
Client Services  
Branch  
National Tech.  
Operations Br.

Analytical  
Products Br.  
Analytical  
Support Br.

Policy & Prog.  
Mgmt. Br.  
Information  
Services Br.

IT Policy &  
Planning  
Division

TRI Program  
Division

IT Strategic  
Planning Br.  
Policy &  
Guidance Br.

TRI Info. & Outreach  
Branch  
TRI Regulations  
Development Branch

Office of  
Environmental  
Information (OEI)